Author Index

A

Adelaja, Adepeju: Variability of Oxidant Levels at Monitoring Stations 100 Feet Apart. Sept. p. 565
Anderson, Darrell E.: Problems Created for Ice Arenas by Engine Exhaust. Dec. p. 790
Ash, Robert M.: The Evaluation of Gas Detector Tube Systems: Benzene. June p. 410
: The Evaluation of Gas Detector Tube Systems: Sulfur Dioxide. July p. 490
: The Evaluation of Gas Detector Tube Systems: Carbon Tetrachloride. Aug. p. 552
Astill, Bernard D.: The Gas Chromatographic Analysis of Methylene Chloride in Breath, Blood, and Urine. June p. 387

B

Baier, Edward J.: Work Index Numbers for Evaluating Performance in an Occupational Health Program. Oct. p. 693
Balzer, J. LeRoy: Exposure of Insulation Workers to Airborne Firbrous Glass. Feb. p. 86.
: Fibrous Glass-Lined Air Transmission Systems: An Assessment of Their Environmental Effects. Aug. p. 512
Barnes, John R.: Methylene-bis-Ortho-Chloroaniline ('MOCA') Evaluation of Hazards and Exposure Control. Dec. p. 802
Barrow, Robert E.: The Measurement of Small Animal Respiratory Volumes by Capacitance Respirometry. Sept. p. 593
Barry, Gene: Determinations of Mercury in Air at University Facilities. June p. 373
Bason, Frank C.: Instrumentation and Measurement of Ultraviolet, Visible, and Infrared Radiation. July p. 415
Bechtold, R. R.: Pyrolyzer-Microcoulomb Detector System for Measurement of Toxicants. Nov. p. 766
Beckett, R. R.: Combined Occupational Exposure of Silver Brazers to Cadmium Oxide, Nitrogen Dioxide and Fluorides at a Naval Shipyard. Feb. p. 115
Berke, Harry L.: The Roentgenographic Determination of Tracheal Mucociliary Transport Rate in the Rat. Mar. p. 174
Bernaski, William J.: Evaluation of Size-Selective Presamplers II. Efficiency of the 10-mm Nylon Cyclone. July p. 441
Bevis, D. A.: Comparison of Respirator Filter Penetration by Dioctyl Phthalate and Sodium Chloride. June p. 357
Bien, Ching-tsen: Adherence of Inlet Conditions for Selected Aerosol Sampling Instruments to Suggested Criteria. July p. 453
: Performance of Respirable Dust Samplers with Fibrous Dust. Aug. p. 499
Blacker, J. H.: A Dilution System for Dynamic Preparation of Gas Concentrations. Oct. p. 668
Blakemore, W. S.: Gaseous Pollutant Evaluation of Hospital Clean Rooms. Dec. p. 831
Bobkoskie, R. L.: Beryllium Decontamination of a Plant Shell. Mar. p. 199
Boge, Raymond J.: Disposal of Low-Level Radioactive Wastes at a Large University Incinerator. Sept. p. 625
Bosch, John C.: Cascade Impactor for Sixing Particulates in Emission Sources. Aug. p. 508
Botsford, James H.: A Wet Globe Thermometer for Environmental Heat Measurement. Jan. p. 1.
: Noise Hazard Meter. Feb. p. 92
Bovee, Harley H.: Analysis of TDI-MDI-PAPI Mixtures by Gas Chromatography. Apr. p. 256
Brewer, Lial W.: Techniques for Remote Sampling of Gases. July p. 475
Breysse, Peter A.: Analysis of TDI-MDI-PAPI Mixtures by Gas Chromatography. Apr. p. 256
Brief, Richard S.: Comparison of Heat Stress Indices. Jan. p. 11
: Variability of Oxidant Levels at Monitoring Stations 100 Feet Apart. Sept. p. 565
: Evaluating Benzene Exposure. Sept. p. 610
: A Dilution System for Dynamic Preparation of Gas Concentrations. Oct. p. 668
Bumsted, Howard E.: The Validity of Gravimetric Measurements of Respirable Coal Mine Dust. Feb. p. 104
Burgess, William A.: Design of a Powered Air-Purifying Respirator for Coke Oven Workers. Nov. p. 707
: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775

C

Carlberg, John R.: Chemical Composition of the Coal Miner's Lung. June p. 392
: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs. July p. 432
Chow, H. Y.: Charges on Droplets Produced by Atomization of Solutions. Apr. p. 247
Christenson, Dale L.: Piezoelectric-Electrostatic Aerosol Mass Concentration Monitor. Apr. p. 209
Cole, Jerome F.: Fume Extraction When Welding Zinc-Coated Steels. Mar. p. 170
Collins, Raymond J.: Calibration of an Infrared Analyzer for Continuous Measurement of Carbon Monoxide. July p. 457
Confer, Robert G.: Comparison of Heat Stress Indices. Jan. p. 11
: Variability of Oxidant Levels at Monitoring Stations 100 Feet Apart. Sept. p. 565
Cooper, Charles V.: Qualitative Detection Limits for Specific Compounds Utilizing Gas Chromatographic Fractions, Activated Charcoal and a Mass Spectrometer. June p. 383
Cooper, W. Clark: Exposure of Insulation Workers to Airborne Fibrous Glass. Feb. p. 86
: Fibrous Glass-Lined Air Transmission Systems: An Assessment of Their Environmental Effects. Aug. p. 512
Coriell, L. L.: Gaseous Pollutant Evaluation of Hospital Clean Rooms. Dec. p. 831
Corn, Morton: Assessment of Inhalation Hazards Aboard Inland River Towboats. May p. 313
: Determinations of Mercury in Air at University Facilities. June p. 373
: Adherence of Inlet Conditions for Selected Aerosol Sampling Instruments to Suggested Criteria. July p. 453
: Performance of Respirable Dust Samplers with Fibrous Dust. Aug. p. 499
: Hygienic Assessment of Airborne Cotton Dust in a Textile Manufacturing Facility. Oct. p. 662
Crable, John V.: Chemical Composition of the Coal Miner's Lung. June p. 392
: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs. July p. 432
: Application of X-Ray Diffraction to Analytical Problems of Occupational Health. Aug. p. 529
Craig, R. L.: Noise Control and Hearing Conservation in Large Steam-Electric Generating Stations. Feb. p. 123
Cralley, Lester V.: Cummings Memorial Lecture-1971: The Penalty of Being Wrong. June p. 351
Cralley, Lewis J.: Identification and Control of Asbestos Exposures. Feb. p. 82
: Electromotive Phenomenon in Metal and Mineral Particulate Exposures: Relevance to Exposure to Asbestos and Occurrence of Cancer. Oct. p. 653
Crider, L. B.: Combustion Products from Vinyl Chloride Monomer. Mar. p. 153
Culp, Dale A.: The Analysis of Mercury in Urine, Blood, Water, and Air. May p. 331

D

Daniel, R. L.: Combustion Products from Vinyl Chloride Monomer. Mar. p. 153
Davidson, G.: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775
Davis, Harvey V.: Collagen Biosynthesis in Rat Lungs During Exposure to Asbestos. Sept. p. 599
Davis, R. J.: The Function of Condensing Steam in Aerosol Scrubbers. Sept. p. 583
: A Simple Model for the Estimation of Aerosol Concentration in a Closed Vessel. Sept. p. 603
Dawson, K. B.: An Accidental Intake of Tritiated Water. Oct. p. 682
DiBernardinis, L.: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775

Author Index

A

Adelaja, Adepeju: Variability of Oxidant Levels at Monitoring Stations 100 Feet Apart. Sept. p. 565
Anderson, Darrell E.: Problems Created for Ice Arenas by Engine Exhaust. Dec. p. 790
Ash, Robert M.: The Evaluation of Gas Detector Tube Systems: Benzene. June p. 410
: The Evaluation of Gas Detector Tube Systems: Sulfur Dioxide. July p. 490
: The Evaluation of Gas Detector Tube Systems: Carbon Tetrachloride. Aug. p. 552
Astill, Bernard D.: The Gas Chromatographic Analysis of Methylene Chloride in Breath, Blood, and Urine. June p. 387

B

Baier, Edward J.: Work Index Numbers for Evaluating Performance in an Occupational Health Program. Oct. p. 693
Balzer, J. LeRoy: Exposure of Insulation Workers to Airborne Firbrous Glass. Feb. p. 86.
: Fibrous Glass-Lined Air Transmission Systems: An Assessment of Their Environmental Effects. Aug. p. 512
Barnes, John R.: Methylene-bis-Ortho-Chloroaniline ('MOCA') Evaluation of Hazards and Exposure Control. Dec. p. 802
Barrow, Robert E.: The Measurement of Small Animal Respiratory Volumes by Capacitance Respirometry. Sept. p. 593
Barry, Gene: Determinations of Mercury in Air at University Facilities. June p. 373
Bason, Frank C.: Instrumentation and Measurement of Ultraviolet, Visible, and Infrared Radiation. July p. 415
Bechtold, R. R.: Pyrolyzer-Microcoulomb Detector System for Measurement of Toxicants. Nov. p. 766
Beckett, R. R.: Combined Occupational Exposure of Silver Brazers to Cadmium Oxide, Nitrogen Dioxide and Fluorides at a Naval Shipyard. Feb. p. 115
Berke, Harry L.: The Roentgenographic Determination of Tracheal Mucociliary Transport Rate in the Rat. Mar. p. 174
Bernaski, William J.: Evaluation of Size-Selective Presamplers II. Efficiency of the 10-mm Nylon Cyclone. July p. 441
Bevis, D. A.: Comparison of Respirator Filter Penetration by Dioctyl Phthalate and Sodium Chloride. June p. 357
Bien, Ching-tsen: Adherence of Inlet Conditions for Selected Aerosol Sampling Instruments to Suggested Criteria. July p. 453
: Performance of Respirable Dust Samplers with Fibrous Dust. Aug. p. 499
Blacker, J. H.: A Dilution System for Dynamic Preparation of Gas Concentrations. Oct. p. 668
Blakemore, W. S.: Gaseous Pollutant Evaluation of Hospital Clean Rooms. Dec. p. 831
Bobkoskie, R. L.: Beryllium Decontamination of a Plant Shell. Mar. p. 199
Boge, Raymond J.: Disposal of Low-Level Radioactive Wastes at a Large University Incinerator. Sept. p. 625
Bosch, John C.: Cascade Impactor for Sixing Particulates in Emission Sources. Aug. p. 508
Botsford, James H.: A Wet Globe Thermometer for Environmental Heat Measurement. Jan. p. 1.
: Noise Hazard Meter. Feb. p. 92
Bovee, Harley H.: Analysis of TDI-MDI-PAPI Mixtures by Gas Chromatography. Apr. p. 256
Brewer, Lial W.: Techniques for Remote Sampling of Gases. July p. 475
Breysse, Peter A.: Analysis of TDI-MDI-PAPI Mixtures by Gas Chromatography. Apr. p. 256
Brief, Richard S.: Comparison of Heat Stress Indices. Jan. p. 11
: Variability of Oxidant Levels at Monitoring Stations 100 Feet Apart. Sept. p. 565
: Evaluating Benzene Exposure. Sept. p. 610
: A Dilution System for Dynamic Preparation of Gas Concentrations. Oct. p. 668
Bumsted, Howard E.: The Validity of Gravimetric Measurements of Respirable Coal Mine Dust. Feb. p. 104
Burgess, William A.: Design of a Powered Air-Purifying Respirator for Coke Oven Workers. Nov. p. 707
: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775

C

Carlberg, John R.: Chemical Composition of the Coal Miner's Lung. June p. 392
: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs. July p. 432
Chow, H. Y.: Charges on Droplets Produced by Atomization of Solutions. Apr. p. 247
Christenson, Dale L.: Piezoelectric-Electrostatic Aerosol Mass Concentration Monitor. Apr. p. 209
Cole, Jerome F.: Fume Extraction When Welding Zinc-Coated Steels. Mar. p. 170
Collins, Raymond J.: Calibration of an Infrared Analyzer for Continuous Measurement of Carbon Monoxide. July p. 457
Confer, Robert G.: Comparison of Heat Stress Indices. Jan. p. 11
: Variability of Oxidant Levels at Monitoring Stations 100 Feet Apart. Sept. p. 565
Cooper, Charles V.: Qualitative Detection Limits for Specific Compounds Utilizing Gas Chromatographic Fractions, Activated Charcoal and a Mass Spectrometer. June p. 383
Cooper, W. Clark: Exposure of Insulation Workers to Airborne Fibrous Glass. Feb. p. 86
: Fibrous Glass-Lined Air Transmission Systems: An Assessment of Their Environmental Effects. Aug. p. 512
Coriell, L. L.: Gaseous Pollutant Evaluation of Hospital Clean Rooms. Dec. p. 831
Corn, Morton: Assessment of Inhalation Hazards Aboard Inland River Towboats. May p. 313
: Determinations of Mercury in Air at University Facilities. June p. 373
: Adherence of Inlet Conditions for Selected Aerosol Sampling Instruments to Suggested Criteria. July p. 453
: Performance of Respirable Dust Samplers with Fibrous Dust. Aug. p. 499
: Hygienic Assessment of Airborne Cotton Dust in a Textile Manufacturing Facility. Oct. p. 662
Crable, John V.: Chemical Composition of the Coal Miner's Lung. June p. 392
: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs. July p. 432
: Application of X-Ray Diffraction to Analytical Problems of Occupational Health. Aug. p. 529
Craig, R. L.: Noise Control and Hearing Conservation in Large Steam-Electric Generating Stations. Feb. p. 123
Cralley, Lester V.: Cummings Memorial Lecture-1971: The Penalty of Being Wrong. June p. 351
Cralley, Lewis J.: Identification and Control of Asbestos Exposures. Feb. p. 82
: Electromotive Phenomenon in Metal and Mineral Particulate Exposures: Relevance to Exposure to Asbestos and Occurrence of Cancer. Oct. p. 653
Crider, L. B.: Combustion Products from Vinyl Chloride Monomer. Mar. p. 153
Culp, Dale A.: The Analysis of Mercury in Urine, Blood, Water, and Air. May p. 331

D

Daniel, R. L.: Combustion Products from Vinyl Chloride Monomer. Mar. p. 153
Davidson, G.: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775
Davis, Harvey V.: Collagen Biosynthesis in Rat Lungs During Exposure to Asbestos. Sept. p. 599
Davis, R. J.: The Function of Condensing Steam in Aerosol Scrubbers. Sept. p. 583
: A Simple Model for the Estimation of Aerosol Concentration in a Closed Vessel. Sept. p. 603
Dawson, K. B.: An Accidental Intake of Tritiated Water. Oct. p. 682
DiBernardinis, L.: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775

DiVincenzo, George D.: The Gas Chromatographic Analysis of Methylene Chloride in Breath, Blood, and Urine. June p. 387
Domier, Edward: The Measurement of Small Animal Respiratory Volumes by Capacitance Respirometry. Sept. p. 593
Drew, Robert T.: A New Dust-Generating System for Inhalation Studies. May p. 327
Dyson, W. L.: Reduction of Atmospheric Toluene Diisocyanate by Water Vapor. Nov. p. 741

E

Endres, G. W. R.: Thermoluminescence Personnel Dosimetry at Hanford. Apr. p. 230
Ensor, David S.: The Effect of Particle Size Distribution on Light Transmittance Measuremet. May p. 287
: Cascade Impactor for Sizing Particulates in Emission Sources. Aug. p. 508
Ettinger, Harry J.: Comparison of Filter Media Against Liquid and Solid Aerosols. May p. 319
: Efficiency of IPC-1478 Filter Paper Against Polystyrene Latex and Dioctyl Phthalate Aerosols. Aug. p. 493

F

Farrier, Paul H., Jr.: Physiological Evaluation of Industrial Heat Stress. Jan. p. 17
Ferin, Juraj: Papain-Induced Emphysema and the Elimination of TiO_2 Particulates from the Lungs. Mar. p. 157
Fish, H. R., Jr.: Exhaust Entry Monitored Automatically with Flame Ionization and Indicator Tubes. Dec. p. 826
Foster, F. J.: Industrial Hygiene Control of a Uranium Shearspinning Operation. Dec. p. 786
Fowler, Douglas P.: Exposure of Insulation Workers to Airborne Fibrous Glass. Feb. p. 86.
: Fibrous Glass-Lined Air Transmission Systems: An Assessment of Their Environmental Effects. Aug. p. 512
Freasier, Benjamin C.: Instrumentation and Measurement of Ultraviolet, Visible, and Infrared Radiation. July p. 415
Freeman, Thomas W.: Noise Control and Hearing Conservation in Large Steam-Electric Generating Stations. Feb. p. 123
Fulwiler, Richard D.: Detergent Enzymes—An Industrial Hygiene Challenge. Feb. p. 73

G

Gendernalik, S. A.: Fuel Factors in Automotive Tailpipe Emissions. Mar. p. 179
Gibbs, Graham W.: The Organic Content of Canadian Chrysotile. Aug. p. 519
Giever, Paul M.: Statistical Analyses of Air Pollution Sampling Frequency in an Epidemiologic Study. Apr. p. 260
Gilbert, L. F.: Fuel Factors in Automotive Tailpipe Emissions. Mar. p. 179
Goldsmith, Rainer: Physiological Evaluation of Industrial Heat Stress. Jan. p. 17
Gonshor, L. T.: Work Index Numbers for Evaluating Performance in an Occupational Health Program. Oct. p. 693
Gorski, C. H.: A Gravimetric System to Study Adsorption on Fine Powders. Oct. p. 673
Graves, I. L.: Air-Borne Particles in a Laminar Air Flow Recovery Room for Kidney and Heart Transplant Patients. Jan. p. 47
Gray, G. P.: A Gravimetric System to Study Adsorption on Fine Powders. Oct. p. 673
Gregory, E. N.: Fume Extraction When Welding Zinc-Coated Steels. Mar. p. 170
Gronka, P. A.: Beryllium Decontamination of a Plant Shell. Mar. p. 199

H

Hales, Jeremy M.: A Method for Obtaining Dilute Mixtures of Gases. May p. 299
Hamilton, E. I.: The Relative Radioactivity of Building Materials. June p. 398
Hammad, Y. Y.: Hygienic Assessment of Airborne Cotton Dust in a Textile Manufacturing Facility. Oct. p. 662
Henderson, Richard: The Analysis of Mercury in Urine, Blood, Water, and Air. May p. 331
Hermann, Edward R.: Reduction of Atmospheric Toluene Diisocyanate by Water Vapor. Nov. p. 741
Herrschaft, D. C.: Fume Extraction When Welding Zinc-Coated Steels. Mar. p. 170
Holmes, A.: Determination of Iron, Chromium, Cobalt, Nickel, and Scandium in Asbestos by Neutron Activation Analysis. May, p. 281
Holtz, John L.: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs, July p. 432
Hui, Hubert Y.: The Organic Content of Canadian Chrysotile. Aug. p. 519
Humphreys, Clark M.: Pressure Losses in Flexible Ducts. Nov. p. 726
Hyatt, E. C.: Comparison of Respirator Filter Penetration by Dioctyl Phthalate and Sodium Chloride. June p. 357

J

Janes, William C.: The Validity of Gravimetric Measurements of Respirable Coal Mine Dust. Feb. p. 104
Jansson, D.: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775
Jones, Allen R.: Evaluating Benzene Exposure. Sept. p. 610

K

Kathren, R. L.: Thermoluminescence Personnel Dosimetry at Hanford. Apr. p. 230
Keenan, Robert G.: Chemical Composition of the Coal Miner's Lung. June p. 392
Kenepp, D.: Gaseous Pollutant Evaluation of Hospital Clean Rooms. Dec. p. 831
Killian, A. S.: Methylene-bis-Ortho-Chloroaniline ('MOCA') Evaluation of Hazards and Exposure Control. Dec. p. 802
Klascius, A. F.: Microwave Radiation Protective Suit. Nov. p. 771
Knauss, Kenneth G.: Reductions of Dust Exposures in the Slate Industry. Feb. p. 119
Kocher, I. F.: Thermoluminescence Personnel Dosimetry at Hanford. Apr. p. 230
Konzen, Richard B.: Gas-Vapor Separation in a Ranque-Hilsch Vortex Tube. Dec. p. 820
Krause, Leonard A.: The Analysis of Mercury in Urine, Blood, Water, and Air. May p. 331
Kroemer, K. H. Eberhard: Seating in Plant and Office. Oct. p. 633
Kuball, Paul J.: Reductions of Dust Exposures in the Slate Industry. Feb. p. 119
Kupel, Richard E.: Qualitative Detection Limits for Specific Compounds Utilizing Gas Chromatographic Fractions, Activated Charcoal and A Mass Spectrometer. June p. 383
: A Rapid Method Employing Impregnated Charcoal and Atomic Absorption Spectrophotometry for the Determination of Mercury. Sept. p. 614

L

Lambert, B. E.: An Accidental Intake of Tritiated Water. Oct. p. 682
Lambiotte, Benjamin J., Jr.: Physiological Evaluation of Industrial Heat Stress. Jan. p. 17
Lapp, N. LeRoy: Physiological Changes as Diagnostic Aids in Isocyanate Exposure. June p. 378
Laskin, Sidney: A New Dust-Generating System for Inhalation Studies. May p. 327
Ledbetter, Joe O: Hazards from Fires Involving Organophosphorus Insecticides. July p. 468
Lee, Jeffrey S.: Evaluating the Work Environment—A National Data-collection System. Mar. p. 194
Limitiaco, Leonard P.: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs. July p. 432
Linch, Adrian L.: Carbon Monoxide—Evaluation of Exposure Potential By Personnel Monitor Surveys. Nov. p. 745
: Methylene-bis-Ortho-Chloroaniline ('MOCA') Evaluation of Hazards and Exposure Control. Dec. p. 802
Lindeman, H. E.: Relation Between Audiological Findings and Complaints by Persons Suffering from Noise-Induced Hearing Loss. July p. 447
Lippmann, Morton: Airborne Density of Ferric Oxide Aggregate Microspheres. Nov. p. 734
Lundgren, D. A.: Application of a Light-Scattering Aerosol Counter and a Four-Stage Impactor to Industrial Hygiene Air Sampling. Jan. p. 35

Luxon, Stuart G.: The Use of Dust Respirators Against Asbestos Dust Hazards in the United Kingdom. Nov. p. 723
Lynch, Jeremiah R.: The Evaluation of Gas Detector Tube Systems: Benzene. June p. 410
: Evaluation of Size-Selective Presamplers II. Efficiency of the 10-mm Nylon Cyclone. July p. 441
: The Evaluation of Gas Detector Tube Systems: Sulfur Dioxide. July p. 490
: The Evaluation of Gas Detector Tube Systems: Carbon Tetrachloride. Aug. p. 552

M

Mangold, Carl A.: Combined Occupational Exposure of Silver Brazers to Cadmium Oxide, Nitrogen Dioxide and Fluorides at a Naval Shipyard. Feb. p. 115
Mauer, Patricia: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs. July p. 432
Mayz, Eusebio: Determinations of Mercury in Air at University Facilities. June p. 373
McCune, D. C.: Problems Involved in Devising Air Quality Criteria for the Effects of Fluorides on Vegetation. Oct. p. 697
McDermott, Frederick T.: Dust in the Cemented Carbide Industry. Mar. p. 188
McDowell, Robin S.: Metal Carbonyl Vapors: Rapid Quantitative Analysis by Infrared Spectrophotometry. Sept. p. 621
McFee, Donald R.: Pyrolyzer-Microcoulomb Detector System for Measurement of Toxicants. Nov. p. 766
: Exhaust Entry Monitored Automatically with Flame Ionization and Indicator Tubes. Dec. p. 826
McFarland, A. R.: Application of a Light-Scattering Aerosol Counter and a Four-Stage Impactor to Industrial Hygiene Air Sampling. Jan. p. 35
McGarrity, G. J.: Gaseous Pollutant Evaluation of Hospital Clean Rooms. Dec. p. 831
McLaughlin, M.: Human Exposures to Fluorocarbon 113 (1,1,2-Trichloro-1,2,2-Trifluoroethane). Mar. p. 143
Melandri, C.: Simulation of the Regional Deposition of Aerosols in the Respiratory Tract. Jan. p. 52.
Mercer, Thomas T.: Charges on Droplets Produced by Atomization of Solutions. Apr. p. 247
Meyer, P. B.: Measurement of Particle Size in Aqueous Aerosols. Feb. p. 134
Michael, Paul L.: Personal Ear Protection Evaluation Present and Future. Nov. p. 753
Michaelson, Sol M.: Biomedical Aspects of Microwave Exposure. May p. 338
Minard, David: Physiological Evaluation of Industrial Heat Stress. Jan. p. 17
Mitchell, Robert N.: Comparison of Respirator Filter Penetration by Dioctyl Phthalate and Sodium Chloride. June p. 357
Moffit, A. E., Jr.: A Rapid Method Employing Impregnated Charcoal and Atomic Absorption Spectrophotometry for the Determination of Mercury. Sept. p. 614
Monteith, L. E.: Analysis of TDI-MDI-PAPI Mixtures by Gas Chromatography. Apr. p. 256
Morgan, A.: Determination of Iron, Chromium, Cobalt, Nickel, and Scandium in Asbestos by Neutron Activation Analysis. May p. 281
Morgan, William K. C.: Coal Workers' Pneumoconiosis. Jan. p. 29
Morse, Kenneth M.: The Validity of Gravimetric Measurements of Respirable Coal Mine Dust. Feb. p. 104
Moss, Owen R.: Shape Factors for Airborne Particles. Apr. p. 221
Mukai, Mitsugi: Fate of Arenes Incorporated with Airborne Soot: Effect of Irradiation. June p. 365
Mullin, L. S.: Human Exposures to Fluorocarbon (1,1,2-Trichloro-1,2,2-Trifluoroethane). Mar. p. 143

N

Neeld, W. E.: Methylene-bis-Ortho-Chloroaniline ('MOCA') Evaluation of Hazards and Exposure Control. Dec. p. 802
Nelson, Gary O.: A Field Instrument for Detecting Airborne Halogen Compounds. Nov. p. 757
Nenadic, C. M.: Application of X-Ray Diffraction to Analytical Problems of Occupation" Health. Aug. p. 529
Norris, Harold B.: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs. July p. 432
Noweir, Madbuli H.: An Improved Method for Determination of Phosgene in Air. Mar. p. 163

O

O'Connor, G. B.: Methylene-bis-Ortho-Chloroaniline ('MOCA') Evaluation of Hazards and Exposure Control. Dec. p. 802
Olin, John G.: Piezoelectric-Electrostatic Aerosol Mass Concentration Monitor. Apr. p. 209
O'Mara, M. M.: Combustion Products from Vinyl Chloride Monomer. Mar. p. 153

P

Palmes, E. D.: An Aerosol Inhalation Apparatus for Human Single Breath Deposition Studies. Jan. p. 43
Pantucek, Miloslav: Influence of Filler Materials on Air Contamination in Manual Electric Arc Welding. Oct. p. 687
Paretto, Luis A.: Study of Silicosis in Peruvian Mines and Permissible Dust Concentrations. July p. 463
Parker, Donald R.: Techniques for Remote Sampling of Gases. July p. 475
Persiani, Carmine: The Detection of Selected Air Pollutants Using a Laboratory Neutron Generator. Sept. p. 573
Pfaff, H. V.: Carbon Monoxide—Evaluation of Exposure Potential by Personnel Monitor Surveys. Nov. p. 745
Pfitzer, Emil A.: An Improved Method for Determination of Phosgene in Air. Mar. p. 163
Pierce, James O.: Calibration of an Infrared Analyzer for Continuous Measurement of Carbon Monoxide. July p. 457
Pilat, Michael J.: The Effect of Particle Size Distribution on Light Transmittance Measurement. May p. 287
: Cascade Impactor for Sizing Particulates in Emission Sources. Aug. p. 508
Pitts, Donald G.: The Effects of Ultraviolet on the Eye. Apr. p. 235
Prodi, V.: Simulation of the Regional Deposition of Aerosols in the Respiratory Tract. Jan. p. 52

R

Reeves, Andrew L.: Collagen Biosynthesis in Rat Lungs During Exposure to Asbestos. Sept. p. 599
Reinhardt, Charles F.: Human Exposures to Fluorocarbon 113 (1,1,2-Trichloro-1,2,2-Trifluoroethane). Mar. p. 143.
Revoir, William H.: Comparison of Performance Characteristics of Dust Respirators Made in United States and United Kingdom. Nov. p. 718
Rinehart, William E.: Fuel Factors in Automotive Tailpipe Emissions. Mar. p. 179
Robinson, Kenneth E.: Performance of Ventilation Equipment. May p. 293
Roper, C. Paul: An Evaluation of Perchloroethylene Detector Tubes. Dec. p. 847
Rose, Vernon E.: Evaluating the Work Environment—A National Data Collection System. Mar. p. 194
Roslinski, Lawrence M.: The Roentgenographic Determination of Tracheal Mucociliary Transport Rate in the Rat. Mar. p. 174
Ruch, Walter E.: Statistical Analyses of Air Pollution Sampling Frequency in an Epidemiologic Study. Apr. p. 260.

S

Sacharov, Kenneth M.: Reductions of Dust Exposures in the Slate Industry. Feb. p. 119
Sandalls, F. J.: Determination of Iron, Chromium, Cobalt, Nickel, and Scandium in Asbestos by Neutron Activation Analysis. May, p. 281
Sansone, Eric B.: Assessment of Inhalation Hazards Aboard Inland River Towboats. May p. 313
Scheel, Lester D.: A Gravimetric System to Study Adsorption on Fine Powders. Oct. p. 673
Schneider, Meier: A Critical Look at an Airport Noise Control Ordinance. July p. 480
Sem, Gilmore J.: Piezoelectric-Electrostatic Aerosol Mass Concentration Monitor. Apr. p. 209
Shapiro, Edward G.: A Field Instrument for Detecting Airborne Halogen Compounds. Nov. p. 757
Sharpe, Heather B. A.: An Accidental Intake of Tritiated Water. Oct. p. 682
Sheehan, Warren E.: Evaluation of the PUQFUA Method of Calculating Systemic Burdens. Jan. p. 58
Sherwood, Robert J.: The Monitoring of Benzene Exposure by Air Sampling. Dec. p. 840
Shotwell, Henry P.: The Analysis of Mercury in Urine, Blood, Water, and Air. May p. 331
Silver, L.: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775

Skillern, C. P.: Problems Using Mie Scattering Photometers for In-Place HEPA Filter Tests and Aerosol Studies. Feb. p. 96.
Slincy, David H.: Instrumentation and Measurement of Ultraviolet, Visible, and Infrared Radiation. July p. 415
Smallwood, A. W.: Chemical Composition of the Coal Miner's Lung. June p. 392
Smith, Leonard K.: Explosive-Actuated Tools—An Impulse Noise Hazard? May p. 346
Smith, Mac W., Jr.: Hazards from Fires Involving Organophosphorus Insecticides. July p. 468
Smith, Paul E., Jr.: Human Exposures to Fluorocarbon 113 (1,1,2-Trichloro-1,2,2-Trifluoroethane). Mar. p. 143
Snyder, David A.: A Method for Obtaining Dilute Mixtures of Gases. May p. 299
Spears, Robert C.: Quality Control of Work Environmen.s. Aug. p. 546
Spertell, Robert B.: Airborne Density of Ferric Oxide Aggregate Microspheres. Nov. p. 734
Stafford, Ronald G.: Comparison of Filter Media Against Liquid and Solid Aerosols. May p. 319
: Efficiency of IPC-1478 Filter Paper Against Polystyrene Latex and Dioctyl Phthalate Aerosols. Aug. p. 493
Staiger, Jerome W.: Disposal of Low-Level Radioactive Wastes at a Large University Incinerator. Sept. p. 625
Stelzer, David F.: Evaluation of Size-Selective Pre-samplers. II. Efficiency of the 10-mm Nylon Cyclone. July p. 441
Stettler, L. E.: A Gravimetric System to Study Adsorption on Fine Powders. Oct. p. 673
Stone, Gilbert F.: Noise Control and Hearing Conservation in Large Steam-Electric Generating. Feb. p. 123
Suffet, I. H.: Gaseous Pollutant Evaluation of Hospital Clean Rooms. Dec. p. 831
Suroviec, H. J.: Beryllium Decontamination of a Plant Shell. Mar. p. 199
: Work Index Numbers for Evaluating Performance in an Occupational Health Program. Oct. p. 693

T

Tebbens, Bernard D.: Fate of Arenes Incorporated with Airborne Soot: Effect of Irradiation. June p. 365
: Quality Control of Work Environments. Aug. p. 546
Thomas, Jerome F.: Fate of Arenes Incorporated with Airborne Soot: Effect of Irradiation. June p. 365
Tomchick, George J.: Beryllium Decontamination of a Plant Shell. Mar. p. 199
Tredici, Thomas J.: The Effects of Ultraviolet on the Eye. Apr. p. 235
Tripp, W. C.: A Gravimetric System to Study Adsorption on Fine Powders. Oct. p. 673
Truitt, J.: The Function of Condensing Steam in Aerosol Scrubbers. Sept. p. 583

V

Veit, Robert W.: A Portable Tape Recorder for Noise Analysis. Sept. p. 579
Vest, R. W.: A Gravimetric System to Study Adsorption on Fine Powders. Oct. p. 673
Vigil, T. Samuel: Industrial Hygiene Aspects of a Vacuum Metalizing Operation with Cadmium. Mar. p. 203
Vooren, P. H.: Measurement of Particle Size in Aqueous Aerosols. Feb. p. 134
Vorwald, Arthur J.: The Measurement of Small Animal Respiratory Volumes by Capacitance Respirometry. Sept. p. 593

W

Wang, Chiu Sen: An Aerosol Inhalation Apparatus for Human Single Breath Deposition Studies. Jan. p. 43
Weil, Carrol S.: Critique of Laboratory Evaluation of the Reliability of Blood-Lead Analyses. May p. 304
Wely, van, P. A.: Ergonomics in a Major European Industry. Feb. p. 131
White, Lowell D.: Qualitative Detection Limits for Specific Compounds Utilizing Gas Chromatographic Fractions, Activated Charcoal and a Mass Spectrometer. June p. 383
Wiles, Joseph S.: The Acute Toxicity of Dimethylamides in Several Animal Species. Aug. p. 539
Wohlers, H. C.: Gaseous Pollutant Evaluation of Hospital Clean Rooms. Dec. p. 831
Wollan, Ralph W.: Disposal of Low-Level Radioactive Wastes at a Large University Incinerator. Sept. p. 625
Wolowicz, F. R.: Total Dust, Coal, Free Silica, and Trace Metal Concentrations in Bituminous Coal Miners' Lungs. July p. 432
Wood, William R., Jr.: Evaluation of the PUQFUA Method of Calculating Systemic Burdens. Jan. p. 58

Y

Yankovich, D.: Analytical Modeling of Respiratory Protective Devices. Dec. p. 775
Yanno, Frank J.: The Gas Chromatographic Analysis of Methylene Chloride in Breath, Blood, and Urine. June p. 387
York, J. Louis: A Method for Obtaining Dilute Mixtures of Gases. May p. 299

Subject Index

A

abstract service, by NTISearch, 624
acetic anhydride, Hygienic Guide, 64
acetic oxide, Hygienic Guide, 64
acetyl oxide, Hygienic Guide, 64
activation analysis, of asbestos, 281
—for metals, 281, 573
—with neutron generator, 573
—for non-metals, 573
—report on, 255
—also see specific elements
adsorption, gases on powder, 673
aerodynamic, size of fibers, 499
aerosols, concentration of, 603
—counter, 35
—deposition in lungs, 52
—evaluation of filters, 319
—of fibrous glass, 499
—generator for, 734
—inhalation apparatus, 43
—light transmittance of, 287
—measurement of, 96
—monitor, 209
—penetration of, 357
—sampling, 35, 453
—scrubber for, 583
—shape factors, 221
—size determination, 134, 508
—spectrometer, 733
—also see particles, particulates
air, benzene in, 840
—fibrous glass in, 512
—mercury in, 331
—MOCA in, 802
—tritium in, 556
air pollution, attitude survey, 356
—calibrations, 668
—fluorides in, 697
—monitoring of, 71
—sampling, 260, 826
airport, noise ordinance, 480
aldehydes, in auto exhaust, 179
n-alkanes, in chrysotile, 519
aluminum, by activation analysis, 573
ammonia, Hygienic Guide, 139
amosite, see asbestos
analysis, asbestos, 82, 281
—for carbon monoxide, 457
—of miners lungs, 392, 432
—detection limits of, 383
—by infrared, 457
—of isocyanates, 256
—lead in blood, 304
—for mercury, 331
—for metal carbonyls, 621
—by neutron activation, 281, 573
—reliability of, 304
—by x-ray diffraction, 529
—also see specific substances, instruments, and methods

Analytical Guide, infrared spectroscopy, 412
Anderson, cascade impactor, 453
angiitis, from microwaves, 338
anhydrous ammonia, Hygienic Guide, 139
ANSI, ear protection standard, 753
—records proposal, 10
—standards, 270, 578, 753
arc welding, fumes from, 687
arenes, in air, 365
aromatics, in auto fuel, 179
—in chrysotile, 519
asbestos, activation analysis of, 281
—analysis for, 82
—cancer from, 653
—collogen from, 599
—exposures to, 82
—metals in, 281
—organic content, 519
asbestos dust, respirators for, 723
atomic absorption, determination of mercury, 614
atomization, charge from, 247
attenuation, by ear protectors, 753
audiology, of hearing loss, 447
audiometry, relation to hearing loss, 447
automobile, tailpipe emmissions, 179

B

back rest, for seats, 633
Beckman Acralyzer, for oxidant, 565
benzene, detector tubes for, 410
—exposures to, 610, 840
benzopyrene-diones, irradiation of, 365
beryllium, in coal miners' lungs, 392, 432
—decontamination, 199
bibliographic strip, coded, 431
Biological Monitoring Guide, fluorides, 274
biomedical, aspects of microwaves, 338
biophysics, of microwaves, 338
biosynthesis, collogen in lung, 599
blood, lead in, 304
—mercury in, 331
—methylene chloride in, 387
boats, hazards on, 313
body burden, calculation of, 58
—of plutonium, 58
body temperature, in heat stress, 17
bone, determination fluoride in, 557
brazing, exposures of, 115
breath, methylene chloride in, 387
bricks, radioactivity of, 398
bromine, by activation analysis, 573
building materials, radioactivity of, 398

C

cadmium, metalizing, 203
cadmium oxide, from brazing, 115
calibration, of infrared analyzer, 457
—of remote samplers, 475
calorimeter, heat of immersion, 673
cancer, from electromotive effect, 653
—from minerals, 653
—from MOCA, 802
capacitance respirometry, 593
capillary, gas dilution, 299
carbide, tool mfg., 188
carbon monoxide, in auto exhaust, 179
—continuous measurement, 457
—from Diesel engines, 95
—evaluations, 745
—in ice arena, 790
—by infrared, 457
—sampler for, 826
—on towboats, 313
carbon tetrachloride, detector tubes, 552
carbonyl, analysis for vapor, 621
—detmn. by infrared, 621
carcinogens, in air, 365
—irradiation of, 365
cardiac, cost of work, 560
central nervous, effects of microwaves, 338
cascade impactor, aerosol sampling, 453
—sizing of particles, 508
cement, radioactivity of, 398
central nervous, effects of microwaves, 338
certification, of Occupational Health Nurses, 545
charcoal samplers, for mercury, 614
—trap, 383
—for vapors, 456
charge, on droplets, 247
chemicals, sorbents for, 404
chlorine, by activation analysis, 573
chromates, ANSI standard, 270
chromatograph, see gas chromatograph
chromatographic, determination of MOCA, 802
chromium, by activation analysis, 281
—in asbestos, 281
—in coal miners lungs, 392, 432
chrysotile, organic content, 519
—also see asbestos
clean room, air system, 831
coal, in lungs, 392, 432
coal dust, concentration of, 104
—determination of, 104
—exposure limits, 312
coal miners, analysis of lungs, 392, 432
coal mines, dust safety, 487, 681
—gas safety, 259, 681
—lighting in, 85
—noise in, 474
coal workers pneumoconiosis, 29
cobalt, by activation analysis, 281
—in asbestos, 281
—carbide cement, 188
—in coal miners lungs, 392, 432
Cockcroft-Walton, neutron generator, 573
coded, bibliographic strip, 431
coke oven, respirator, 707
collogen, from asbestos exposure, 599
—biosynthesis in rat, 599
color code, ANSI standard, 270
combustion, of insecticides, 468
—of vinyl chloride, 153
comfort, seating, 633
computer, aerosol concentration by, 603
—evaluation of exposure, 58
—in respirator design, 775
copper, in coal miners' lungs, 392, 432
cornea, ultraviolet absorption, 235
Cosa-Tron, evaluation of, 831
cotton, dust, 662
counter, aerosol, 35
—light scattering, 35
criteria, for aerosol sampling, 453
—air quality, 697
—for sampling, 840
Cummings Memorial Lecture, for 1971, 351
cyclone, aerosol sampling, 453
—fiber sampling, 499
—presampler, 441

D

decontamination, for beryllium, 199
density, of aerosols, 221
—of ferric oxide, 734
deposition, aerosols in lungs, 43, 52
desorption, gases from powder, 673
detection, of halogen compounds, 757, 766
—limits for compounds, 383
—of methyl bromide, 554
—of toxicants, 766
detector, Halide Leak, 554
—for microwaves, 267
detector tubes, carbon tetrachloride, 552
—perchloroethylene, 847
—recommendations for, 488
—sulfur dioxide, 490
detergents, enzymes in, 73
determination, by activation analysis, 573
—of charge on drops, 247
—of fluoride in bone, 557
—of mass concentration, 209
—of mercury, 331, 373
—of methylene chloride, 387
—of MOCA, 802
—oxidant in air, 565
—of phosgene, 163
dichlorodiaminodiphenylmethane, see MOCA
1,1-dichloroethane, Hygienic Guide, 67
Diesel engines, carbon monoxide from, 95
diffusion tube, use of, 668
diisocyanate, control of, 741
dilution, of gas mixtures, 299
dimethylamides, toxicity of, 539
dioctyl phthalate, in filter testing, 493
diphenylmethane diisocyanate, analysis for, 256
disposal, of radioactive waste, 625
distribution, mass-size, 35
—of sampling results, 840
Dorr-Oliver cyclone, 441
dosimeter, thermoluminescence, 230
droplet, spray generator, 114
droplets, charge on, 247

ducts, fibrous glass, 512
—flexible, 726
—pressure loss in, 726
dust, asbestos, 723
—coal, 29, 104, 487
—in coal miners lungs, 392, 432
—cobalt carbide, 188
—cotton, 662
—enzymes, 73
—fibrous, 499
—generating system, 327
—mass monitor, 209
—in mines, 463
—permissible limits, 463
—respirators for, 718
—in slate industry, 119

E

ear protection, evaluation of, 753
—specifications for, 753
EEL Respirator Tester, use of, 357
effective temperature, use of, 11
efficiency, aerosol sampling, 453
—of aerosol scrubber, 583
—of fiber sampler, 499
—of filter media, 319, 493
—of IPC-1478 filter, 493
electric charge, on droplets, 247
electric generators, noise from, 123
electricity, 110v. from auto., 162
electrodes, ion-selective, 557
—welding, 687
electromotive effect, cancer from, 653
electron gun, rock cutting, 28
electrostatic, particle monitor, 209
—precipitator, 453, 559
elutriator, aerosol sampling, 453
—sampling fibers, 499
emissions, auot tailpipe, 179
emphysema, lung clearance in, 157
—papain induced, 157
energy, of lasers, 273
environment, quality control of, 546
enzymes, hazard from, 73
ergonomics, in Europe, 131
—seating, 633
Ergonomics Guide, cost of work, 560
ethanoic anhydride, Hygienic Guide, 64
ethylene dichloride, Hygienic Guide, 67
exhaust gases, from automobiles, 179
—in buildings, 813
—in ice arenas, 790
exhausting, welding fume, 170
explosion, of liquified gas, 103
explosive—actuated tools, noise from, 346
extraction, organics from asbestos, 519
eyes, effects of microwaves, 338
—effect of ultraviolet, 235

F

factors, particle shape, 221
fatigue, from seat design, 633
ferric oxide, particle density, 734
fiberglass, aerosol sampling, 499
—in air ducts, 512
—exposure to, 86, 512
fibers, aerodynamic size, 499
fibrosis, from asbestos, 599
—from coal dust, 29
fibrous dust, sampling of, 499
filter media, evaluation of, 319
filter paper, efficiency of, 319
filters, coke oven respirators, 707
—for gaseous pollutants, 559
—IPC-1478, 493
—penetration of, 357
—for respirators, 357, 493, 559, 707
filtration, clean room air, 831
—of particulates, 47
flexible ducts, loss in, 726
flour, dust, 36
flow rate, of cyclone presampler, 441
fluidizing, dust generator, 327
fluoranthene, irradiation of, 365
fluorides, air quality criteria, 697
—Biological Monitoring Guide, 274
—from brazing, 115
—determination in bone, 557
—ion selective electrode, 557
—on vegetation, 697
—from welding, 687
fluorocarbon-113, exposure to, 143
flux, silver brazing, 115
fly ash, radioactivity of, 398
free silica, in coal miners' lungs, 392, 432
fuel, automotive, 179
fume, zinc, 170

G

gas chromatograph, detection limits, 383
—for methylene chloride, 387
—with remote sampling, 475
gas detector tubes, for benzene, 410
—for carbon tetrachloride, 552
gases, known concentrations, 668
—in coal mines, 259
—remote sampling of, 475
—separation in vortex tube, 820
gas mixtures, preparation of, 299
generators, droplet, 114
—dust, 327
—electric, 123
glass, fiber exposure, 86, 512
granite, dust, 36
gravimetric, detmn. of coal dust, 104
grids, for thermal precipitator, 268
gypsum, radioactivity of, 398

H

Halide Leak Detector, use for methyl bromide, 554
Hallcomids, toxicity of, 539
halogen compounds, detection, 757
hazards, aboard towboats, 313
—burning insecticides, 468
Health Physics Society, statement by, 538
hearing, audiometric testing, 447
—conservation program, 123
heart rate, in heat stress, 17
heat, of immersion, 673
—measurement of, 1
heat stress, evaluation of, 2, 11, 17
—indices, 2, 11
hexane, known concentration, 668
hospital, clean rooms, 831
—laminar flow room, 47
human factors, publication, 559
hydrocarbons, in auto exhaust, 179
—in chrysotile, 519
—sampler-recorder, 826
hydrogen sulfide, known concentration, 668
—on towboats, 313
Hygienic Guide, acetic anhydride, 64
—anhydrous ammonia, 139
—1,1-dichloroethane, 67
—ethylene dichloride, 67
—xylene, 702

I

ice arenas, carbon monoxide in, 790
—nitrogen dioxide in, 790
immersion, heat of, 673
impactor, four-stage, 35
—also see cascade impactor
impinger, aerosol sampling, 453
incinerator, radioactive waste in, 625
index, of heat stress, 2, 11
information, National Service, 34
infrared, calibration of analyzer, 457
—carbon monoxide determination, 457
—measurement of, 415
—metal carbonyl determination, 621
—spectroscopy, 412
inhalation, dust generator, 327
insecticide, combustion of, 468
inspection, of non-metal mines, 551
instruments, aerosol sampling, 453
insulation, glass fiber, 86, 512
International Safety Academy, 613
ion-selective electrodes, for fluoride, 557
IPC-1478 filter, efficiency of, 493
iron, by activation analysis, 281
iron, in asbestos, 281
—in coal miners lungs, 392, 432
iron carbonyl, determination by infrared, 621
iron, dust, 36
irradiation, effect on carcinogens, 365
isocyanates, symptoms from, 378
—also see diisocyanates
isokinetic sampling, in size determination, 508

L

laboratory, safety in, 91
laminar flow, in clean rooms, 831
—hospital rooms, 47
laser, energy measurement, 273
—power measurement, 415, 498
—repeated pulsed, 411
laws, airport noise, 480
lead, determination in blood, 304
—in coal miners lungs, 392, 432
lift trucks, carbon monoxide from, 745
lighting, in coal mines, 85
light scattering, counter, 35
—photometer, 96
light transmittance, and particle size, 287
limits, for benzene exposure, 610
—for coal dust, 312
—see standards
liquified natural gas, explosion of, 103
lithium fluoride, in dosimeter, 230
luminescence, thermal, 230
lungs, clearance of particles, 157
—of coal miners, 392, 432
—collogen synthesis in, 599

M

magnesium, in coal miners' lungs, 392, 432
malthion, hazards in fire, 468
manganese, by activation analysis, 573
manganese, in coal miners' lungs, 392, 432
mask, also see respirators
mass concentration, of aerosols, 35
—of coal dust, 104
—monitor for, 209
mass-size, distribution, 35
mass spectrometer, detection limits, 383
Mast Oxidant Analyzer, 565
MDI, analysis for, 256
membrane filters, sampling droplets, 134
mercury, by activation analysis, 573
mercury, in air, 331, 373
—ANSI standard, 270
—atomic absorption detmn., 614
—in blood, 331
—in environment, 559
—in laboratory air, 373
—in urine, 331
—vapor meter, 373
—in water, 331
metabolic, cost of work, 560
metalizing, with cadmium, 203
metals, in asbestos, 653
—cancer from, 653
meter, noise hazard, 92
methanol, ANSI standards, 578
methyl bromide, detection of, 554
methylene-bis-*o*-chloroaniline, hazard of, 802
methylene chloride, determination in breath, 387
—determination in blood, 387
—determination in urine, 387
microimpinger, aerosol sampling, 453
Microlite, microwave detector, 267
microspheres, density of, 734
microwaves, biomedical aspects, 338
—detector for, 267
—protective suit, 771
—spectrophotometer, 71
Mie scattering, photometer, 96
Mig welding, exhaust for, 170
Millikan apparatus, particle density, 734
minerals, cancer from, 653
—in coal miners lungs, 392, 432
miners, coal in lungs, 392, 432
—silicosis in, 463
mines, inspection of, 551
mixtures, preparation from gases, 299
MOCA, hazards of, 802
—see methylene-bis-o-chloroaniline
monitoring, air pollution, 71
—for benzene, 827
—for carbon monoxide, 742
—exhaust gases, 813
—oxidant in air, 565
—uranium spinning, 776
monitor, mass concentration, 209
MRE elutriator, aerosol sampling, 453
—fibers sampling, 499
mucocilliary transport, in rats, 174

N

National Technical Information Service, 34
neutron activation, see activation analysis
neutron generator, in determination of particulates, 573
neutron radiation, protection from, 169
nickel, by activation analysis, 281
nickel, in asbestos, 281
—in coal miners lungs, 392, 432
nickel carbonyl, determination by infrared, 621
nitrogen dioxide, ANSI standards, 578
—in auto exhaust, 179
—from brazing, 115
—in ice arenas, 790
—known concentrations, 668
—sampler for, 826
noise, airport ordinance, 480
—in coal mines, 474
—control program, 123
—ear protectors, 753
—electric generators, 123
—explosive actuated tools, 346
—flow valves, 57
—hazard meter, 92
—hearing loss, 447
—tape recorder analysis, 579
NTISearch, abstract service, 624
nurses, certification of, 545

O

occupational disease, reporting, 194
octave band, analysis from tape, 579
odors, test for, 831
oil, mist, 313
—from shale, 198
organic substances, in asbestos, 519
organsphosphorus, insecticides, 468
oxidant, comparison of methods, 565
oxides of nitrogen, on towboats, 313
—see nitrogen dioxide
oxygen, sensor for, 672
ozone meter, in detection system, 766

P

PAPI, analysis for, 256
parathion, hazards in fire, 468
particles, density determination, 734
—in laminar flow room, 47
—shape factor for, 221
—also see aerosols, particulates
particle size, distribution, 96
—light transmittance, 287
—measurement, 134
particulates, in auto exhaust, 179
—cancer from, 653
—determination of, 96
—lung clearance of, 157
—mass monitor, 209
—scrubber for, 583
—size determination, 508
—on towboats, 313
—also see aerosols, powders
penetration, of respirator filters, 357
perchloroethylene, detector tubes for, 847
performance, program evaluation, 693
—of ventilation equipment, 293
permeation tubes, sulfur dioxide, 259
—use of, 668
perylene, irradiation of, 365
phosgene, from vinyl chloride, 153
—determination in air, 163
photodiode, radiometers, 415
photokeratitis, from ultraviolet, 235
photometers, light scattering, 96
piezoelectric, particle monitor, 209
plastics, dust generation, 327
plutonium, body burden, 58
pneumoconiosis, coal workers', 29
polychlorobiphenyls, control of, 686
polymethylenepolyphenyl diisocyanate, 256
polystyrene, in filter testing, 493
positive pressure respirators, 723
posture, seating, 633
powders, gas sorption of, 673
power, field source, 162
—of lasers, 498
—of microwaves, 338
precipitator, thermal, 268
precision, of blood-lead analysis, 304
presampler, size-selective, 441
pressure, loss in ducts, 726
proline, in collogen biosynthesis, 599
protective clothing, microwave, 771
PUQFUA, evaluation of, 58
pyrene, irradiation of, 365
pyrolyzer-microcoulomb, detector, 766

Q

quality control, of environment, 546
quarries, slate, 119

R

radiation, dosimeter, 230
—infant mortality from, 538
—microwave, 771
—protection criteria, 198
—from uranium spinning, 786
radioactive, waste disposal, 625
radioactivity, of building materials, 398
radioisotope, directory, 42
radiometry, instruments for, 415
Ranque-Hilsch, vortex tube, 820
records, injury, 10
—national system, 194
remote sampling, of gases, 475
—for oxidants, 565
respirable dust, coal, 104
—cotton, 662
—fibrous, 499
—sampling, 499
respirator filters, penetration of, 357
—testing of, 357
respirators, analytical model, 775
—for asbestos dust, 723
—chemical sorbents in, 404
—coke oven areas, 707
—disposable, 46
—performance of, 718
—power operated, 707
respiratory tract, deposition in, 52
respiratory volume, measurement of, 593
respirometry, capacitance, 593
rock cutting, by electron gun, 28
rock wool, radioactivity of, 398
roentgenographic, detmn. of mucocilliary transport, 174

S

safety, coal mine devices, 681
—International Academy, 613
—in laboratory, 91
samplers, for aerosols, 453
—charcoal tube, 456
—fibrous dust, 499
—size-selective, 441
sampling, of aerosols, 35, 453
—for coal dust, 104
—criteria for, 840
—for droplets, 134
—efficiency of, 453
—frequency of, 260
—for fibrous glass, 512
—interpretation of, 840
—oxidants in air, 565
—remote locations, 475
—variations in, 565
Saran bags, breath sampling, 387
scandium, by activation analysis, 281
—in asbestos, 281
scrubbers, condensing steam, 583
—for aerosol removal, 583
seating, design, 633
sensitization, by isocyanates, 378
shale, retorting for oil, 198
shape, factor of particles, 221
—of seat surfaces, 633
shearspinning, of uranium, 786
silica, concentrations in mines, 463
—determination by x-ray, 529
silicon, by activation analysis, 573
silicosis, exposure index, 463
—in Peruvian miners, 463
silver, brazing, 115
size, aerodynamic of fibers, 499
—of cotton dust, 662
—distribution, 96
—by cascade impactor, 508
size-mass, distribution, 35
size-selective, presampler, 441
slate, dust from, 119
smoking, by coal workers, 29
Society for Environmental Geochemistry and Health, 578
solder, new type, 397
soot, carcinogens on, 365
sorbents, for air contaminants, 404
—for chemical respirators, 404
specifications, for gas detector tubes, 488
—of ventilation equipment, 293
spectroscopy, infrared, 412
speech, audiometer test, 447
spinning, of uranium, 786
spinning disc, aerosol generator, 733
standards, noise, 123, 474
—for microwaves, 338
—also see limits
steam, in aerosol scrubber, 583
steel casting, dust, 36
sulfur dioxide, detector tubes, 490
—known concentrations, 668
—permeation tubes, 259
—on towboats, 313
survey, of occupational diseases, 194

T

tape recorder, for noise analysis, 579
TDI, analysis for, 256
temperature, effective, 11
—measurement of, 142
—wet bulb globe, 11
—wet globe, 1, 11
testing, of detector tubes, 847
—IPC-1478 filter, 493
—isocyanate sensitization, 378
—respirators, 357, 718
textile, cotton dust, 662
thermal analysis, status of, 386
thermal decomposition, of insecticides, 468
thermal detector, radiometers, 415
thermal precipitator, Walkenhorst, 268
thermal stress, measurement of, 1
—from microwaves, 338
thermoluminescence, dosimeter, 230
thermometer, wet globe, 1
thermophoresis, in steam scrubber, 583
Thomas, settling tube, 734
Threshold Limit Values, documentation, 462
threshold shift, of hearing, 92
Timbrell, aerosol spectrometer, 734
time weighted average, significance, 840
titanium, in coal miners' lungs, 392, 432
TLV's, application of, 840
—for cotton dust, 662
toluene diisocyanate, analysis for, 256
—control of, 741
tools, explosive actuated, 346
towboats, hazards on, 313
toxicity, from burning insecticides, 468
—of dihydrogen oxide, 545
—of dimethylamides, 539
—of Halicomids, 539
tracers, evaluating ventilation, 826
training, requirements, 271
trichloro-trifluoroethane, exposure, 143
tritiated water, intake of, 682
tritium, concentration in air, 556
—exposure to, 682
—known concentration, 556
tubes, see detector tubes
—see permeation
—see charcoal

U

ultraviolet, effect on eyes, 235
—measurement of, 415
—protection from, 235
—solar simulator, 235
uranine, aerosol density, 221
uranium mines, variance of standard, 487
uranium, spinning of, 786
urine, methylene chloride in, 387
—mercury in, 331
—MOCA in, 802

V

vacuum metalizing, cadmium, 203
vacuum, radiometers, 415
valve, low-noise, 57
vanadium, by activation analysis, 573
vanadium, in coal miners' lungs, 392, 432
vapors, charcoal sampler for, 456
—of metal carbonyls, 621
—sorbents for, 404
vasculitis, from microwaves, 338
vegetation, effect of fluorides, 697
ventilation, of clean rooms, 831
—equipment specifications, 293
—fibrous glass in ducts, 512
—flexible ducts for, 726
—of ice arenas, 790

—performance, 293
—of welding, 170
vinyl chloride, combustion products, 153
visible light, measurement of, 415
volume, respiratory, 593
vortex tube, gas separation in, 820

W

Walkenhorst thermal precipitator, 268
waste, disposal of radioactive, 625, 786
water, determination of mercury in, 331
—for isocyanate control, 741
welding, fumes from, 687
—TLV's for, 687
—hazard rating, 687
—zinc fume from, 170
wet bulb globe temperature, 11
wet globe, thermometer, 1
—temperature, 11
work, metabolic cost, 560
—cardiac cost, 560
—index numbers, 693

X

x-ray diffraction, applications, 529
xylene, ANSI standard, 270
—Hygienic Guide, 702

Z

zinc, in coal miners' lungs, 392, 432
—in solder, 397
—in welding fume, 170

Radiation Quantities and Units

The International Commission on Radiation Units and Measurements has issued *ICRU Report 19: Radiation Quantities and Units.* This report supercedes *ICRU Report 10A* and *ICRU Report 11.* The major changes are: (a) introduction of additional quantities particularly in the areas of microdosimetry and radiation protection, and (b) more rigorous definitions of the quantities resulting in a somewhat different formulism without altering their meaning or range of applicability. The report is presented in two parts. Part I: Fundamentals of Quantities and Units presents detailed considerations relating to the physical radiation quantities and a section of definitions of terms and quantities. Part II: Quantities and Units for Use in Radiation Protection discusses the general considerations, the dose equivalents and the specification of ambient radiation levels.

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